

OFFICE OF SCIENCE PROJECT DECISION/APPROVAL MATRIX (Dated 11/1/04)

TOTAL PROJECT COST (TPC)			\$400M or more	\$100M to less than \$400	\$5M to less than \$100M	\$5M to less than \$20M	Less than \$5M
DECISION/APPROVAL				US Delegated to SC-1		If delegation is provided	
Prior to CD-0, Mission Need Statement			Reviewed by OMBE-ME-20 and approved by SC-1				N/A
Prior to CD-1, Acquisition Strategy			Reviewed by OMBE-ME-90 and approved by SC-1				N/A
CRITICAL DECISIONS	CD-0 --Approve Mission Need		S-2	SC-1	SC-1	SC-1	N/A or FPD
	CD-1--Approve Alternative Selection and Cost Range		S-2	SC-1	SC AD	PM or SOM if delegated	N/A or FPD
	CD-2 --Approve Performance Baseline		S-2	SC-1	SC AD	PM or SOM if delegated	N/A or FPD
	CD-3 --Approve Start of Construction		S-2	SC-1	SC AD	PM or SOM if delegated	N/A or FPD
	CD-4 --Approve Start of Operation		S-2	SC-1	SC AD	PM or SOM if delegated	N/A or FPD
DEVIATIONS			If performance, scope, schedule, or cost baseline cannot be met, the S-2 must be notified & a determination made to terminate the project or establish a new performance baseline. See Performance Baseline Change below for appropriate approval authority.				
CHANGE CONTROL	Performance Baseline Change		S-2 approval is needed if change in Performance Baseline of ≥6 months or ≥\$25M or 25% of TEC/TPC or change in scope not in conformance with the Project Data Sheet; or US approval if preceeding threshold is not exceeded; or PSO approval if delegated.				N/A
	Routine Project Changes	Program	SC-1	SC-1	SC AD	PM or SOM if delegated	N/A
		Project	PM, SOM or FPD (Optional)	PM, SOM or FPD (Optional)	PM, SOM or FPD (Optional)	PM, SOM or FPD (Optional)	PM, SOM or FPD (Optional)
		Contractor	Contractor	Contractor	Contractor	Contractor	Contractor
PEP --Project Execution Plan Approval			SC-1	SC-1	SC AD	PM or SOM if delegated	N/A
EIS --Environmental Impact Statement ROD --Record of Decision/Site Selection			S-2	S-2	S-2	S-2	S-2
EIR --External Independent Review, IPR --Independent Project Review, or ORR --Operational Readiness Review			EIR Prior to CD-2 & CD-3 IPR Prior to CD-0 ORR Prior to CD-4	EIR Prior to CD-2 IPR Prior to CD-3 ORR Prior to CD-4	EIR Prior to CD-2 IPR Prior to CD-3 ORR Prior to CD-4	EIR Prior to CD-2 IPR Prior to CD-3 ORR Prior to CD-4	N/A
PARS Reporting (EVMS for Projects >\$20 M)			Monthly Project Status After CD-0 and Monthly Project Performance After CD-2				
QPPR --Quarterly Project Performance Rev.			Quarterly After CD-0				
FPD --Federal Project Director			Ensure that the FPDs are certified at appropriate levels according to the requirements of the DOE O 361.1, Attachment 4.				

AD=Associate Director; EIR=External Independent Review Conducted by OECM; FPD=Federal Project Director; IPR =Independent Project Review Conducted by SC; ORR=Operational Readiness Review Conducted by SC; PARS= Project Analysis and Reporting System; PM=HQ Office of Science Program Manager; S-2=Deputy Secretary; SC=Office of Science; SC-1=Director, Office of Science; SOM=Site Office Manager; US=Under Secretary